

What is claimed is:

1. A wireless network managing method, wherein in a hot spot permitting access to a predetermined access point in a limited location via a local wireless interface such as wireless LAN, a communication service utilizing a mobile communication network managed by a communication dealer tied up with the own manager is provided, and in the location of the hot spot a user who is confirmed, according to the telephone number or the like of a mobile station, to be a subscriber of a mobile communication network managed by the communication dealer, is approved as one who has met necessary authentication to utilize communication service in the hot spot.

2. The wireless network managing method according to claim 1, wherein the confirmation that the user is a subscriber of a mobile communication network managed by the communication dealer is made when the user accesses the access point.

3. The wireless network managing method according to claim 1, wherein when the confirmation that the user is a subscriber of the mobile communication network managed by the communication dealer, the user is approved as one who has met necessary authentication to utilize communication services in the hot spot with respect to a plurality of hot spots providing communication services utilizing a mobile communication network managed by the

communication dealer.

4. The wireless network managing method according to claim 1, wherein the hot spot manager pays a communication fee corresponding to the extent of user of communication service by users in each hot spot, and the communication user demands communication expenditures to each user.

5. The wireless network managing method according to claim 1, wherein the mobile communication network managed by the communication dealer is a mobile communication network by PHS.

6. The wireless network managing method according to claim 1, wherein the communication dealer provides by prepaid or rental provision of a means for limiting the extent of number of times, time interval, etc. approval of communication with wireless LAN card or the like to pertinent persons among the mobile communication network subscribers.

7. A wireless network system, wherein in the hot spot permitting access to a predetermined access point in a limited location, and providing communication services utilizing a mobile communication network managed by a communication dealer tied up with the own manager, and in the location of the hot spot a user who is confirmed,

according to the telephone number of a mobile station or the like, that he or she is a subscriber of the mobile communication network managed by the communication dealer is approved as one having met necessary authentication to utilize the communication services in the hot spot.

8. The wireless network system according to claim 7, wherein the confirmation that the user is a subscriber of the mobile communication network managed by the communication dealer, is executed when the user accesses the access point.